

PUBLIC INFORMATION STATEMENT
NATIONAL WEATHER SERVICE CHICAGO IL
811 PM CDT SAT JUL 15 2023 /911 PM EDT SAT JUL 15 2023/

...UPDATED NWS DAMAGE SURVEY RESULTS FOR 07/12/2023 TORNADO EVENT...

.OVERVIEW...

DAMAGE SURVEYS CONDUCTED BY NWS PERSONNEL HAVE DETERMINED THAT A TOTAL OF 13 TORNADOES OCCURRED ACROSS NORTHEASTERN ILLINOIS DURING THE JULY 12TH SEVERE WEATHER EVENT. THIS PUBLIC INFORMATION STATEMENT INCLUDES A FEW UPDATES TO THE INFORMATION THAT WAS PROVIDED IN THE ORIGINAL PUBLIC INFORMATION STATEMENT FOR THIS EVENT THAT WAS SENT OUT ON JULY 14TH.

WE THANK ALL OF OUR PARTNERS, FOLLOWERS, AND THE GENERAL PUBLIC FOR RELAYING DAMAGE REPORTS TO US AND FOR THEIR ASSISTANCE WITH THESE DAMAGE SURVEYS!

.LOVES PARK/CALEDONIA TOWNSHIP...

RATING: EF-0
ESTIMATED PEAK WIND: 80 MPH
PATH LENGTH /STATUTE/: 2.47 MILES
PATH WIDTH /MAXIMUM/: 175 YARDS
FATALITIES: 0
INJURIES: 0

START DATE: 07/12/2023
START TIME: 05:25 PM CDT
START LOCATION: 3 E LOVES PARK / BOONE COUNTY / IL
START LAT/LON: 42.3274 / -88.9398

END DATE: 07/12/2023
END TIME: 05:29 PM CDT
END LOCATION: 4 SW POPLAR GROVE / BOONE COUNTY / IL
END LAT/LON: 42.3363 / -88.8931

SURVEY SUMMARY:

AN EF-0 TORNADO WITH ESTIMATED PEAK WINDS NEAR 80 MPH, PATH LENGTH OF 2.5 MILES, AND MAXIMUM WIDTH OF 175 YARDS STARTED ON THE NORTHEAST SIDE OF ORTH AND ARGYLE ROADS ALONG THE WINNEBAGO AND BOONE COUNTY LINE. THE TORNADO THEN TRACKED EAST-NORTHEAST BEFORE LIFTING IN A FARM FIELD EAST OF BELOIT ROAD BETWEEN DAWSON LAKE AND ORTH ROADS. DAMAGE ALONG THE PATH OF THE TORNADO CONSISTED OF SNAPPED AND UPROOTED TREES, IN ADDITION TO MINOR ROOFING DAMAGE.

.OSWEGO TO AURORA...

RATING: EF-0
ESTIMATED PEAK WIND: 85 MPH
PATH LENGTH /STATUTE/: 4.19 MILES
PATH WIDTH /MAXIMUM/: 100 YARDS
FATALITIES: 0
INJURIES: 0

START DATE: 07/12/2023
START TIME: 05:36 PM CDT
START LOCATION: OSWEGO / KENDALL COUNTY / IL
START LAT/LON: 41.6920 / -88.3334

END DATE: 07/12/2023
END TIME: 05:44 PM CDT
END LOCATION: 3 SSE AURORA / KENDALL COUNTY / IL
END LAT/LON: 41.7221 / -88.2637

SURVEY SUMMARY:

AN EF-0 TORNADO WITH PEAK WINDS OF 85 MPH, PATH LENGTH OF 4.2 MILES, AND MAXIMUM WIDTH OF 100 YARDS IMPACTED NORTHEASTERN OSWEGO AND SOUTHEASTERN AURORA. DAMAGE ALONG THE TORNADO'S PATH WAS CHARACTERIZED PRIMARILY BY DOWNED TREES AND TREE LIMBS, AS WELL AS A FEW INSTANCES OF EXTERIOR DAMAGE TO HOMES.

.HUNTLEY...

RATING: EF-1
ESTIMATED PEAK WIND: 90 MPH
PATH LENGTH /STATUTE/: 6.86 MILES
PATH WIDTH /MAXIMUM/: 200 YARDS
FATALITIES: 0
INJURIES: 0

START DATE: 07/12/2023
START TIME: 06:06 PM CDT
START LOCATION: 4 N HAMPSHIRE / MCHENRY COUNTY / IL
START LAT/LON: 42.1543 / -88.5189

END DATE: 07/12/2023
END TIME: 06:17 PM CDT
END LOCATION: 1 E HUNTLEY / MCHENRY COUNTY / IL
END LAT/LON: 42.1633 / -88.3940

SURVEY SUMMARY:

A TORNADO WITH ESTIMATED PEAK WINDS NEAR 90 MPH, PATH LENGTH OF 6.8 MILES, AND MAXIMUM WIDTH OF 200 YARDS STARTED IN A FIELD OFF US-20 NEAR GETTY ROAD ALONG THE MCHENRY/KANE COUNTY LINE. THE TORNADO TRACKED EAST-NORTHEAST ALONG AND JUST SOUTH OF HARMONY ROAD, WEST OF HUNTLEY, SNAPPING TREE LIMBS AND UPROOTING TREES. THE TORNADO CONTINUED EAST, JUST SOUTH OF MAIN STREET, DAMAGING A SMALL OUTBUILDING AND DOWNING ADDITIONAL TREE LIMBS. THE TORNADO

THEN SHIFTED NORTHEAST INTO DOWNTOWN HUNTLEY WHILE INCREASING TO EF-1 INTENSITY. IT THEN CONTINUED BETWEEN MAIN STREET AND DOUGLAS AVENUE CAUSING SUBSTANTIAL ROOF DAMAGE TO TWO HOMES AND UPROOTING ADDITIONAL TREES. THE TORNADO SHIFTED A FINAL TIME TO THE EAST-SOUTHEAST, PASSING THE HUNTLEY POLICE STATION AND CAUSING MORE TREE DAMAGE BEFORE LIFTING NEAR LELAND LANE AND CENTRAL PARK BOULEVARD ON THE EAST SIDE OF HUNTLEY.

.BURR RIDGE TO STICKNEY...

RATING: EF-1
ESTIMATED PEAK WIND: 110 MPH
PATH LENGTH /STATUTE/: 9.16 MILES
PATH WIDTH /MAXIMUM/: 150 YARDS
FATALITIES: 0
INJURIES: 1

START DATE: 07/12/2023
START TIME: 06:09 PM CDT
START LOCATION: BURR RIDGE / DUPAGE COUNTY / IL
START LAT/LON: 41.7469 / -87.9281

END DATE: 07/12/2023
END TIME: 06:27 PM CDT
END LOCATION: STICKNEY / COOK COUNTY / IL
END LAT/LON: 41.8189 / -87.7810

SURVEY SUMMARY:

AN EF-1 TORNADO WITH ESTIMATED PEAK WINDS OF 110 MPH, PATH LENGTH OF 9.2 MILES, AND MAXIMUM WIDTH OF 150 YARDS STARTED NEAR 79TH AND GRANT STREETS IN BURR RIDGE AND CONTINUED NORTHEAST, CROSSING OVER THE BURR RIDGE VILLAGE CENTER, THE INTERSECTION OF INTERSTATES 55 AND 294, THE SOUTHEASTERN SIDE OF THE GENERAL MOTORS ELECTRO-MOTIVE PLANT, AND INTO STICKNEY. DAMAGE ALONG THE PATH OF THE TORNADO CONSISTED OF SNAPPED TREES AND TREE BRANCHES, DAMAGE TO WALLS AND ROOFS OF HOMES AND BUSINESSES, AND THE MOVEMENT OF SHIPPING CONTAINERS IN INDUSTRIAL AREAS. THE TORNADO APPEARED TO LIFT NEAR VETERANS MEMORIAL PARK IN STICKNEY.

..PLATO CENTER TO ELGIN...

RATING: EF-1
ESTIMATED PEAK WIND: 100 MPH
PATH LENGTH /STATUTE/: 11.01 MILES
PATH WIDTH /MAXIMUM/: 440 YARDS
FATALITIES: 0
INJURIES: 0

START DATE: 07/12/2023
START TIME: 06:16 PM CDT

START LOCATION: 4 SSW PINGREE GROVE / KANE COUNTY / IL
START LAT/LON: 42.0112 / -88.4475

END DATE: 07/12/2023
END TIME: 06:34 PM CDT
END LOCATION: 3 NW BARTLETT / COOK COUNTY / IL
END LAT/LON: 42.0138 / -88.2345

SURVEY SUMMARY:

AN EF-1 TORNADO WITH ESTIMATED PEAK WINDS NEAR 100 MPH, PATH LENGTH OF 11 MILES, AND MAXIMUM WIDTH OF 440 YARDS STARTED IN A FARM FIELD EAST OF KENDALL ROAD AND CONTINUED EASTWARD THROUGH ELGIN. DAMAGE ALONG THE PATH OF THE TORNADO CONSISTED OF SNAPPED TREES AND TREE LIMBS, ESPECIALLY BETWEEN BOWES BEND DRIVE AND RANDALL ROAD. DAMAGE TO ROOFS, SIDING, AND WALLS OF HOMES, A GARAGE, AND A FARM BUILDING WAS ALSO NOTED NEAR BOWES BEND DRIVE AND LONGCOMMON PARKWAY. THE ROOF OF A CHURCH WAS ALSO DAMAGED NEAR LESLER ROAD. THE TORNADO APPEARED TO LIFT NEAR THE INTERSECTION OF GIFFORD ROAD AND LAKE STREET. THIS TORNADO WAS DOCUMENTED EXTENSIVELY VIA PHOTOS AND VIDEOS.

..CAMPTON HILLS TO ELGIN...

RATING: EF-0
ESTIMATED PEAK WIND: 85 MPH
PATH LENGTH /STATUTE/: 2.61 MILES
PATH WIDTH /MAXIMUM/: 100 YARDS
FATALITIES: 0
INJURIES: 0

START DATE: 07/12/2023
START TIME: 06:18 PM CDT
START LOCATION: 5 S PINGREE GROVE / KANE COUNTY / IL
START LAT/LON: 41.9873 / -88.4125

END DATE: 07/12/2023
END TIME: 06:23 PM CDT
END LOCATION: 3 W SOUTH ELGIN / KANE COUNTY / IL
END LAT/LON: 41.9950 / -88.3629

SURVEY SUMMARY:

AS THE ELGIN EF-1 TORNADO WAS ONGOING, A SECOND TORNADO TOUCHED DOWN NEAR THE INTERSECTION OF MCDONALD AND CRAWFORD ROADS ON THE FAR NORTH SIDE OF CAMPTON HILLS AND CONTINUED EAST-NORTHEAST THROUGH THE SOUTHWESTERN PORTION OF ELGIN. DAMAGE ALONG THE PATH OF THIS EF-0 TORNADO CONSISTED ALMOST ENTIRELY OF SNAPPED TREE LIMBS WITH ONE HOME IN THE BOWES CREEK COUNTRY CLUB EXPERIENCING DAMAGE TO AN EXTERIOR WALL AND ROOF. THE TORNADO APPEARED TO LIFT NEAR THE INTERSECTION OF HOBBS ROAD AND LISA LANE. PEAK ESTIMATED WINDS WERE 85 MPH WITH A PATH LENGTH OF 2.6 MILES AND MAXIMUM ESTIMATED WIDTH OF 100 YARDS. THIS TORNADO WAS DOCUMENTED

EXTENSIVELY VIA PHOTOS AND VIDEOS.

..BARRINGTON HILLS TO BARRINGTON...

RATING: EF-0
ESTIMATED PEAK WIND: 80 MPH
PATH LENGTH /STATUTE/: 3.42 MILES
PATH WIDTH /MAXIMUM/: 125 YARDS
FATALITIES: 0
INJURIES: 0

START DATE: 07/12/2023
START TIME: 06:33 PM CDT
START LOCATION: 2 SSE FOX RIVER GROVE / MCHENRY COUNTY / IL
START LAT/LON: 42.1690 / -88.2052

END DATE: 07/13/2023
END TIME: 06:39 PM CDT
END LOCATION: 1 NNW BARRINGTON / LAKE COUNTY / IL
END LAT/LON: 42.1729 / -88.1389

SURVEY SUMMARY:

AN EF-0 TORNADO WITH ESTIMATED PEAK WINDS NEAR 80 MPH, PATH LENGTH OF 3.4 MILES, AND MAXIMUM WIDTH OF 125 YARDS STARTED ALONG SPRING CREEK ROAD IN FAR SOUTHEASTERN MCHENRY COUNTY AND THE VILLAGE OF BARRINGTON HILLS BEFORE CONTINUING INTO SOUTHWESTERN LAKE COUNTY. DAMAGE OCCURRED AS A FARM OUTBUILDING WAS STRUCK, DETACHING TWO WALLS. DAMAGE THEN CONTINUED WITH SNAPPED TREES AND TREE LIMBS ALONG N BUCKLEY ROAD AND IN THE CHICAGO HIGHLANDS SUBDIVISION OFF OF NORTHWEST HIGHWAY. THE TORNADO APPEARED TO LIFT NEAR W SUNSET ROAD OFF IL-59, NORTH OF THE ROSLYN ROAD ELEMENTARY SCHOOL, IN UNINCORPORATED BARRINGTON.

..STREAMWOOD...

RATING: EF-0
ESTIMATED PEAK WIND: 80 MPH
PATH LENGTH /STATUTE/: 0.49 MILES
PATH WIDTH /MAXIMUM/: 80 YARDS
FATALITIES: 0
INJURIES: 0

START DATE: 07/12/2023
START TIME: 06:41 PM CDT
START LOCATION: 1 ESE STREAMWOOD / COOK COUNTY / IL
START LAT/LON: 42.0122 / -88.1538

END DATE: 07/12/2023
END TIME: 06:42 PM CDT
END LOCATION: 1 ESE STREAMWOOD / COOK COUNTY / IL

END LAT/LON: 42.0137 / -88.1447

SURVEY SUMMARY:

A BRIEF EF-0 TORNADO WITH ESTIMATED PEAK WINDS OF 80 MPH BEGAN NEAR THE INTERSECTION OF YORKSHIRE DR. AND PHOENIX LAKE AVE. IN STREAMWOOD AND TRACKED EAST FOR ABOUT HALF A MILE BEFORE LIFTING AS IT CROSSED BARRINGTON RD. THIS TORNADO STRIPPED SIDING OFF OF TWO WALLS AT THE PORTILLO'S AT RAMBLEWOOD DR. AND BARRINGTON RD. WHILE ALSO CAUSING SOME TREE DAMAGE AND BLOWING AROUND LIGHT DEBRIS ALONG ITS TRACK. TREE DAMAGE ALSO CONTINUED EAST OF BARRINGTON RD. INTO HANOVER PARK, THOUGH WITNESS ACCOUNTS AND THE BROADENING NATURE OF A PREDOMINANTLY SOUTHWEST TO NORTHEAST ORIENTED DAMAGE FIELD SUGGEST THAT THIS DAMAGE WAS CAUSED BY STRONG SOUTHWESTERLY STRAIGHT-LINE WINDS OF UP TO 75 MPH THAT DESCENDED TO GROUND LEVEL RIGHT AS THE TORNADO WAS LIFTING.

..SCHAUMBURG...

RATING: EF-0
ESTIMATED PEAK WIND: 70 MPH
PATH LENGTH /STATUTE/: 1.08 MILES
PATH WIDTH /MAXIMUM/: 80 YARDS
FATALITIES: 0
INJURIES: 0

START DATE: 07/12/2023
START TIME: 06:43 PM CDT
START LOCATION: 2 SW SCHAUMBURG / COOK COUNTY / IL
START LAT/LON: 42.0139 / -88.121

END DATE: 07/12/2023
END TIME: 06:45 PM CDT
END LOCATION: 2 SSW SCHAUMBURG / COOK COUNTY / IL
END LAT/LON: 42.0124 / -88.1004

SURVEY SUMMARY:

A BRIEF, WEAK EF-0 TORNADO TOUCHED DOWN NEAR JANE ADDAMS JUNIOR HIGH SCHOOL IN SCHAUMBURG AND TRACKED EAST FOR A LITTLE OVER A MILE BEFORE LIFTING AS IT APPROACHED SALEM DR. THIS TORNADO PRODUCED SPORADIC AND MOSTLY MINOR TREE DAMAGE ALONG ITS TRACK.

..CAROL STREAM TO GLENDALE HEIGHTS...

RATING: EF-0
ESTIMATED PEAK WIND: 85 MPH
PATH LENGTH /STATUTE/: 2.90 MILES
PATH WIDTH /MAXIMUM/: 125 YARDS
FATALITIES: 0
INJURIES: 0

START DATE: 07/12/2023
START TIME: 06:44 PM CDT
START LOCATION: 1 NW CAROL STREAM / DUPAGE COUNTY / IL
START LAT/LON: 41.9271 / -88.1410

END DATE: 07/12/2023
END TIME: 06:50 PM CDT
END LOCATION: GLENDALE HEIGHTS / DUPAGE COUNTY / IL
END LAT/LON: 41.9181 / -88.0861

SURVEY SUMMARY:

AN EF-0 TORNADO WITH ESTIMATED PEAK WINDS OF 85 MPH BEGAN AT GLENBARD NORTH HIGH SCHOOL IN CAROL STREAM AND ENDED JUST EAST OF AMERICANA PARK IN GLENDALE HEIGHTS. THIS TORNADO PRIMARILY CAUSED TREE DAMAGE ALONG ITS 2.9 MILE LONG PATH, BUT A COUPLE OF WAREHOUSES SUSTAINED MINOR ROOFING DAMAGE, AND A FEW HOUSES WERE DAMAGED AS WELL, LOSING SMALL PORTIONS OF THEIR SIDING AND ROOFS.

.LONG GROVE...

RATING: EF-0
ESTIMATED PEAK WIND: 70 MPH
PATH LENGTH /STATUTE/: 2.11 MILES
PATH WIDTH /MAXIMUM/: 125 YARDS
FATALITIES: 0
INJURIES: 0

START DATE: 07/12/2023
START TIME: 06:52 PM CDT
START LOCATION: 1 SSW LONG GROVE / LAKE COUNTY / IL
START LAT/LON: 42.1867 / -88.0122

END DATE: 07/12/2023
END TIME: 06:56 PM CDT
END LOCATION: 1 E LONG GROVE / LAKE COUNTY / IL
END LAT/LON: 42.1949 / -87.9727

SURVEY SUMMARY:

AN EF-0 TORNADO WITH ESTIMATED PEAK WINDS NEAR 70 MPH, PATH LENGTH OF 2.1 MILES, AND MAXIMUM WIDTH OF 125 YARDS STARTED NEAR COUNTRY LANE OFF OLD MCHENRY ROAD. DAMAGE ALONG THE PATH OF THE TORNADO CONSISTED OF SNAPPED TREES AND TREE LIMBS SPREAD ACROSS TWIN ORCHARD COUNTRY CLUB, CONTINUING EAST-NORTHEAST TOWARDS TWIN GROVES MIDDLE SCHOOL. THE TORNADO APPEARED TO LIFT OVER WOODLAND PARK IN BUFFALO GROVE NEAR TWIN GROVES MIDDLE SCHOOL.

..ITASCA TO O'HARE AIRPORT...

RATING: EF-0
ESTIMATED PEAK WIND: 85 MPH

PATH LENGTH /STATUTE/: 3.51 MILES
PATH WIDTH /MAXIMUM/: 225 YARDS
FATALITIES: 0
INJURIES: 0

START DATE: 07/12/2023
START TIME: 06:54 PM CDT
START LOCATION: 1 ENE ITASCA / DUPAGE COUNTY / IL
START LAT/LON: 41.9822 / -87.9997

END DATE: 07/12/2023
END TIME: 07:00 PM CDT
END LOCATION: 2 WNW O'HARE AIRPORT / COOK COUNTY / IL
END LAT/LON: 41.9967 / -87.9366

SURVEY SUMMARY:

THIS EF-0 TOUCHED DOWN ON THE FAR NORTHEAST SIDE OF ITASCA NEAR THE INTERSECTION OF PROSPECT AVE AND THORNDALE AVE. IT THEN TRACKED EAST-NORTHEASTWARD THROUGH A LARGE INDUSTRIAL PARK IN WOOD DALE, BENSENVILLE, AND ELK GROVE VILLAGE, WHERE IT CAUSED MINOR DAMAGE TO THE ROOFS AND FASCIA OF A FEW WAREHOUSES AND SPORADIC TREE DAMAGE, WHICH WAS MOST CONCENTRATED AND SEVERE NEAR THE INTERSECTION OF LIVELY BLVD. AND KIRK ST. EYEWITNESS REPORTS SUGGEST THAT THE TORNADO MAY HAVE LIFTED INTERMITTENTLY ALONG ITS TRACK BEFORE IT LIFTED FOR GOOD EAST OF ELMHURST RD. OVER THE FAR NORTHWEST SIDE OF O'HARE AIRPORT.

..O'HARE AIRPORT TO PARK RIDGE...

RATING: EF-0
ESTIMATED PEAK WIND: 85 MPH
PATH LENGTH /STATUTE/: 3.46 MILES
PATH WIDTH /MAXIMUM/: 300 YARDS
FATALITIES: 0
INJURIES: 0

START DATE: 07/12/2023
START TIME: 07:02 PM CDT
START LOCATION: 2 NNW O'HARE AIRPORT / COOK COUNTY / IL
START LAT/LON: 42.0078 / -87.9041

END DATE: 07/12/2023
END TIME: 07:07 PM CDT
END LOCATION: 1 SSE PARK RIDGE / COOK COUNTY / IL
END LAT/LON: 41.9984 / -87.8387

SURVEY SUMMARY:

AFTER THE FIRST TORNADO IN THE O'HARE AREA LIFTED, A SECOND EF-0 TORNADO TOUCHED DOWN WITHIN THE CONFINES OF O'HARE AIRPORT JUST SOUTH OF THE I-90 OVERPASS OVER TOUHY AVE. THE TORNADO INITIALLY CAUSED MINOR ROOFING AND FASCIA DAMAGE TO BUILDINGS AND

WAREHOUSES ON THE FAR NORTH SIDE OF THE AIRPORT. MINOR TREE DAMAGE ALSO OCCURRED IN THIS AREA, AND A PARKED CAR WAS IMPALED BY DEBRIS THAT WAS THROWN BY THE TORNADO. THE TORNADO THEN TRACKED EAST ACROSS I-90 AND INTO ROSEMONT, WHERE IT BLEW OVER A LIGHT POLE AND TICKET BOOTHS IN THE ALLSTATE ARENA PARKING LOT AND CAUSED DAMAGE TO TREES AND SIGNS ALONG MANNHEIM RD. VIDEO FOOTAGE TAKEN IN ROSEMONT SHOWED THE TORNADO (WHICH DID NOT NECESSARILY HAVE A FULLY CONDENSED CLOUD-TO-GROUND FUNNEL AT ALL TIMES) TRACK INTO A RESIDENTIAL AREA ON THE SOUTHEAST SIDE OF DES PLAINES, WHERE IT PRODUCED A CONCENTRATED AREA OF TREE DAMAGE, CAUSED MINOR ROOFING AND FASCIA DAMAGE TO SOME HOUSES, AND CAUSED A FEW POWER POLES TO LEAN. THE TORNADO MAY HAVE LOST CONTACT WITH THE GROUND AS IT CROSSED THE DES PLAINES RIVER, BUT IT EVENTUALLY TOUCHED DOWN AGAIN IN PARK RIDGE, WHERE IT PRODUCED TREE DAMAGE IN A NEIGHBORHOOD EAST OF MAINE SOUTH HIGH SCHOOL BEFORE LIFTING FOR GOOD.

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EF SCALE: THE ENHANCED FUJITA SCALE CLASSIFIES TORNADOES INTO THE FOLLOWING CATEGORIES:

EF0...WEAK.....65 TO 85 MPH
EF1...WEAK.....86 TO 110 MPH
EF2...STRONG....111 TO 135 MPH
EF3...STRONG....136 TO 165 MPH
EF4...VIOLENT...166 TO 200 MPH
EF5...VIOLENT...>200 MPH

NOTE:

THE INFORMATION IN THIS STATEMENT IS PRELIMINARY AND SUBJECT TO CHANGE PENDING FINAL REVIEW OF THE EVENTS AND PUBLICATION IN NWS STORM DATA.

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NWS CHICAGO